Scenario 1 – dry season, current speed 10th percentile

```
/ Windows UM3. 18/04/2010 20:31:40
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 1 - dry.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.03       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.03       90.0       31.8       14.9  6.7000E-6        0.0        1.0       90.0     0.0003
       19.3       0.03       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     1.0    90.0     0.0     1.0    10.0   100.0   19.39   1.018    11.0    20.0 3.70E+5
Froude number:      178.4
       Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step     (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0    19.39     0.03      0.2 370000.0      1.0      0.0      0.0;
 100    16.33     0.03    1.423  51078.6    7.141      0.0  0.00895;
 188   -0.217     0.03     7.89   8947.6     40.72      0.0    0.357; axial vel  -7.588 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       7.89 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
 8942.99   40.74   8.575   100.0  0.0277     7.5     0.0     1.0 3.00E-4
count: 1
 ;
20:31:40. amb fills: 2
```

Scenario 1 – dry season, current speed 50th percentile

```
/ Windows UM3. 18/04/2010 20:33:45
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 1 - dry.001.db; Diffuser table record 1: ---------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.13       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0        0.1       90.0       31.8       14.9  6.7000E-6        0.0        1.0       90.0     0.0003
       19.3       0.11       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     1.0    90.0     0.0     1.0    10.0   100.0   19.39   1.018    11.0    20.0 3.70E+5
Froude number:      178.4
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     19.39     0.11      0.2 370000.0      1.0      0.0      0.0;
 100     16.33    0.107    1.423  51078.6    7.141      0.0   0.0325;
 187     0.388    0.128    7.721   9126.4    39.92      0.0    1.196; axial vel   4.239 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       7.72 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)   (m/s)(m0.67/s2)
 9121.67   39.94   8.394   100.0  0.0274     7.5     0.0     1.0 3.00E-4
count: 1
 ;
20:33:45. amb fills: 2
```

Scenario 1 – dry season, current speed 90th percentile

```
/ Windows UM3. 18/04/2010 20:34:59
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 1 - dry.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.42       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.37       90.0       31.8       14.9  6.7000E-6        0.0        1.0       90.0     0.0003
       19.3       0.29       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     1.0    90.0     0.0     1.0    10.0   100.0   19.39   1.018    11.0    20.0 3.70E+5
Froude number:      178.4
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     19.39     0.29      0.2 370000.0      1.0      0.0      0.0;
 100     16.34    0.315    1.422  51078.6    7.141      0.0   0.0887;
 200     2.442    0.407    9.417   7056.6    51.63      0.0    3.623; axial vel   0.718
 201      2.27    0.408    9.576   6918.3    52.66      0.0    3.719; surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       9.58 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
 6913.92    52.7   10.29   100.0  0.0267     7.5     0.0     1.0 3.00E-4
count: 1
 ;
20:34:59. amb fills: 2
```

Scenario 2 – dry season, current speed 10th percentile

```
/ Windows UM3. 18/04/2010 20:39:52
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - dry.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.03       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.03       90.0       31.8       14.9  6.7000E-6        0.0        1.0       90.0     0.0003
      20.65       0.03       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     0.5    90.0     0.0     1.0    10.0   100.0   21.15   1.018    11.0    20.0 3.70E+5
Froude number:      178.4
       Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step     (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0   21.15     0.03      0.2 370000.0      1.0      0.0      0.0;
 100   18.09     0.03    1.423  51078.6    7.141      0.0  0.00895;
 192  -0.0783    0.03    8.501   8266.7    44.07      0.0    0.417; axial vel  -21.09 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       8.50 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)   (m/s)(m0.67/s2)
 8262.27   44.09   9.203   100.0  0.0277     7.5     0.0     1.0 3.00E-4
count: 1
 ;
20:39:52. amb fills: 2
```

Scenario 2 – dry season, current speed 50th percentile

```
/ Windows UM3. 18/04/2010 20:40:56
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - dry.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.12       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0        0.1       90.0       31.8       14.9  6.7000E-6        0.0        1.0       90.0     0.0003
      20.65        0.1       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     0.5    90.0     0.0     1.0    10.0   100.0   21.15   1.018    11.0    20.0 3.70E+5
Froude number:      178.4
       Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step     (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0   21.15      0.1      0.2 370000.0      1.0      0.0      0.0;
 100   18.09      0.1    1.423  51078.6    7.141      0.0   0.0298;
 192   0.199    0.119    8.474   8266.7    44.07      0.0    1.376; axial vel   8.342 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       8.47 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)   (m/s)(m0.67/s2)
 8262.22   44.09   9.169   100.0  0.0274     7.5     0.0     1.0 3.00E-4
count: 1
 ;
20:40:56. amb fills: 2
```

Scenario 2 – dry season, current speed 90th percentile

```
/ Windows UM3. 18/04/2010 20:41:53
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - dry.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.33       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.33       90.0       31.8       14.9  6.7000E-6        0.0        1.0       90.0     0.0003
      20.65       0.26       90.0       31.8       14.9  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     0.5    90.0     0.0     1.0    10.0   100.0   21.15   1.018    11.0    20.0 3.70E+5
Froude number:      178.4
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     21.15     0.26      0.2 370000.0      1.0      0.0      0.0;
 100      18.1    0.276    1.422  51078.6    7.141      0.0   0.0786;
 200     2.926     0.33    9.542   7056.6    51.63      0.0    3.527; axial vel   0.591
 204     2.079     0.33    10.22   6519.7    55.89      0.0    3.943; surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of      10.22 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
 6515.32   55.92   10.95   100.0  0.0267     7.5     0.0     1.0 3.00E-4
count: 1
 ;
20:41:53. amb fills: 2
```

Scenario 1 – wet season, current speed 10th percentile

```
/ Windows UM3. 18/04/2010 21:51:23
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 1 - wet.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.06       90.0       28.0       28.1  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.04       90.0       28.9       27.7  6.7000E-6        0.0        1.0       90.0     0.0003
       19.3       0.02       90.0       29.8       27.4  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)      (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2      1.0    90.0     0.0     1.0    10.0   100.0   19.39   1.018    11.0    20.0 3.70E+5
Froude number:      211.1
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     19.39     0.02      0.2 370000.0      1.0      0.0      0.0;
 100     16.32   0.0263    1.426  51078.6    7.171      0.0  0.00657;
 163     7.498   0.0445    4.947  14674.9    24.95      0.0    0.126; trap level,
 187   -0.0435   0.0593    8.039   9126.4    40.13      0.0    0.399; axial vel  -36.32 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       8.04 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
 9121.63   40.15   8.727   100.0  0.0277     7.5     0.0     1.0 3.00E-4
count: 1
 ;
21:51:23. amb fills: 2
```

Scenario 1 – wet season, current speed 50th percentile

```
/ Windows UM3. 18/04/2010 21:52:35
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - wet.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.42       90.0       28.0       28.1  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.09       90.0       28.9       27.7  6.7000E-6        0.0        1.0       90.0     0.0003
       19.3       0.05       90.0       29.8       27.4  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     1.0    90.0     0.0     1.0    10.0   100.0   19.39   1.018    11.0    20.0 3.70E+5
Froude number:      211.1
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     19.39     0.05      0.2 370000.0      1.0      0.0      0.0;
 100     16.32   0.0625    1.426  51078.6    7.171      0.0   0.0161;
 163     7.512    0.164    4.944  14674.9    24.95      0.0    0.299; trap level,
 193     0.877    0.385     8.93   8105.7    45.19      0.0    1.154; axial vel   1.834 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       8.93 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
 8101.12   45.21    9.64   100.0  0.0275     7.5     0.0     1.0 3.00E-4
count: 1
 ;
21:52:35. amb fills: 2
```

Scenario 1 – wet season, current speed 90th percentile

```
/ Windows UM3. 18/04/2010 21:53:20
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - wet.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.98       90.0       28.0       28.1  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0        0.5       90.0       28.9       27.7  6.7000E-6        0.0        1.0       90.0     0.0003
       19.3       0.16       90.0       29.8       27.4  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)      (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2      1.0    90.0     0.0     1.0    10.0   100.0   19.39   1.018    11.0    20.0 3.70E+5
Froude number:      211.1
       Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step     (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0   19.39     0.16      0.2 370000.0      1.0      0.0      0.0;
 100   16.32    0.266    1.426  51078.6    7.171      0.0   0.0577;
 171   8.242    0.579    5.652  12525.8    29.23      0.0     1.28; trap level,
 198   5.775      0.7      8.4   7928.4     46.2      0.0    2.482; begin overlap,
 200   5.641    0.706    8.586   7707.1    47.52      0.0    2.576;
 225   4.019    0.784    10.86   5479.7    66.87      0.0     4.08; surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of      10.86 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)   (ppm)   (s-1)   (m/s)(m0.67/s2)
 5475.55   66.91    11.6   100.0  0.0266     7.5     0.0     1.0 3.00E-4
count: 1
 ;
21:53:20. amb fills: 2
```

Scenario 2 – wet season, current speed 10th percentile

```
/ Windows UM3. 18/04/2010 21:47:14
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - wet.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.06       90.0       28.0       28.1  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.03       90.0       28.9       27.7  6.7000E-6        0.0        1.0       90.0     0.0003
      20.65       0.02       90.0       29.8       27.4  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     0.5    90.0     0.0     1.0    10.0   100.0   21.15   1.018    11.0    20.0 3.70E+5
Froude number:      211.1
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     21.15     0.02      0.2 370000.0      1.0      0.0      0.0;
 100     18.08   0.0223    1.426  51078.6     7.17      0.0  0.00615;
 166     8.503   0.0337    5.247  13828.9    26.47      0.0    0.118; trap level,
 191    0.0699   0.0585    8.738   8431.9    43.44      0.0    0.387; axial vel    22.5 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       8.74 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
 8427.27   43.46   9.448   100.0  0.0277     7.5     0.0     1.0 3.00E-4
count: 1
 ;
21:47:14. amb fills: 2
```

Scenario 2 – wet season, current speed 50th percentile

```
/ Windows UM3. 18/04/2010 21:48:33
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - wet.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.39       90.0       28.0       28.1  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.08       90.0       28.9       27.7  6.7000E-6        0.0        1.0       90.0     0.0003
      20.65       0.05       90.0       29.8       27.4  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     0.5    90.0     0.0     1.0    10.0   100.0   21.15   1.018    11.0    20.0 3.70E+5
Froude number:      211.1
       Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step     (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0   21.15     0.05      0.2 370000.0      1.0      0.0      0.0;
 100   18.08    0.057    1.426  51078.6     7.17      0.0   0.0154;
 166   8.509    0.118    5.244  13828.9    26.47      0.0    0.304; trap level,
 197   0.889    0.356    9.716   7492.2    48.89      0.0    1.199; axial vel   1.799 surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of       9.72 m
    conc  dilutn   width distnce    time
   (ppm)             (m)     (m)    (hrs)    (ppm)   (s-1)    (m/s)(m0.67/s2)
  7487.6   48.92   10.45   100.0  0.0274     7.5     0.0     1.0 3.00E-4
count: 1
 ;
21:48:33. amb fills: 2
```

Scenario 2 – wet season, current speed 90th percentile

```
/ Windows UM3. 18/04/2010 21:49:06
Case 1; ambient file C:\Plumes\KTCB\20100418\AScenario 2 - wet.001.db; Diffuser table record 1: --------------------
--------------
      Depth    Amb-cur    Amb-dir    Amb-sal    Amb-tem    Amb-pol      Decay    Far-spd    Far-dir    Disprsn
          m        m/s        deg        psu          C      kg/kg        s-1        m/s        deg   m0.67/s2
        0.0       0.98       90.0       28.0       28.1  7.5000E-6        0.0        1.0       90.0     0.0003
       10.0       0.49       90.0       28.9       27.7  6.7000E-6        0.0        1.0       90.0     0.0003
      20.65       0.14       90.0       29.8       27.4  7.5000E-6        0.0        1.0       90.0     0.0003
   P-dia  P-elev V-angle H-angle   Ports AcuteMZ ChrncMZ P-depth Ttl-flo Eff-sal    Temp Polutnt
     (m)     (m)   (deg)   (deg)      ()     (m)     (m)     (m)  (m3/s)   (psu)     (C)   (ppm)
     0.2     0.5    90.0     0.0     1.0    10.0   100.0   21.15   1.018    11.0    20.0 3.70E+5
Froude number:      211.1
        Depth  Amb-cur    P-dia  Polutnt   Dilutn   x-posn   y-posn
Step      (m)    (m/s)      (m)    (ppm)       ()      (m)      (m)
   0     21.15     0.14      0.2 370000.0      1.0      0.0      0.0;
 100     18.08    0.222    1.426  51078.6     7.17      0.0   0.0475;
 173     9.251     0.52      5.9  12039.8    30.41      0.0    1.252; trap level,
 200      6.53    0.657    8.846   7594.5    48.22      0.0    2.482; begin overlap,
 231     4.416     0.76    11.76   5041.8    72.68      0.0    4.383; surface,
Const Eddy Diffusivity.  Farfield dispersion based on wastefield width of      11.76 m
    conc  dilutn   width distnce    time
   (ppm)            (m)     (m)    (hrs)   (ppm)   (s-1)   (m/s)(m0.67/s2)
 5037.58   72.73   12.51   100.0  0.0266     7.5     0.0     1.0 3.00E-4
count: 1
 ;
21:49:06. amb fills: 2
```